



U.S. DEPARTMENT OF ENERGY  
Office of Electricity Delivery and Energy Reliability  
Infrastructure Security and Energy Restoration

# ENERGY ASSURANCE DAILY

Friday Evening, October 21, 2016

## *Electricity*

---

### **Nearly 27,000 Xcel Customers Restored after Rodent Interferes with Substation Equipment in Colorado October 21**

Xcel Energy reported that 26,831 customers in the Denver metropolitan area briefly lost power early Friday morning after a raccoon interfered with a large piece of equipment at a substation. Xcel said that crews restored power to all affected customers by 7:00 a.m. MDT.

[http://www.outagemap-xcelenergy.com/outagemap/?\\_ga=1.19940667.2040432584.1475515863](http://www.outagemap-xcelenergy.com/outagemap/?_ga=1.19940667.2040432584.1475515863)  
<http://www.denverpost.com/2016/10/21/aurora-power-outage-raccoon-electrocuted/>

### **Update: FPL's 510 MW Point Beach Nuclear Unit 1 in Wisconsin at Full Power by October 21**

On the morning of October 20 the unit was operating at 80 percent, reduced from full power on October 19.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2016/>

### **Update: Solar Partners' 133 MW Ivanpah Solar Unit 2 in California Returns to Service by October 20**

The unit returned from an unplanned outage that began on October 18.

<http://content.aiso.com/unitstatus/data/unitstatus201610201515.html>

## *Petroleum*

---

### **PEMA Issues Alert on Sunoco Pipeline Rupture, Gasoline Leak Due to Heavy Rains, Flooding in Pennsylvania October 21**

According to local media, the Pennsylvania Emergency Management Agency (PEMA) issued an alert on Friday that an 8-inch Sunoco Logistics pipeline ruptured and released an estimated 1,300 barrels (about 55,000 gallons) of gasoline into a creek that feeds into the Susquehanna River. The breach occurred in Lycoming County, which received about 6 to 8 inches of rain overnight. A Sunoco spokesman said an 8-inch gasoline line – which runs from Reading, Pennsylvania to Buffalo, New York – broke amid heavy rain and flooding overnight Friday, adding that operators shut the line down after detecting a drop in pressure. Federal and state crews were responding to the incident on Friday, although high water levels were preventing responders from exposing the pipeline to assess the extent of the damage.

[http://lancasteronline.com/news/local/gallons-of-gasoline-spills-into-susquehanna-effect-on-lancaster-county/article\\_5ed0d20c-97b8-11e6-8fb8-17dc59d3a8e1.html](http://lancasteronline.com/news/local/gallons-of-gasoline-spills-into-susquehanna-effect-on-lancaster-county/article_5ed0d20c-97b8-11e6-8fb8-17dc59d3a8e1.html)

[http://www.dailyitem.com/news/sunoco-rep-says-gallons-of-gas-spills-into-susquehanna-river/article\\_0123a35a-97bd-11e6-846e-cf39c15fe053.html](http://www.dailyitem.com/news/sunoco-rep-says-gallons-of-gas-spills-into-susquehanna-river/article_0123a35a-97bd-11e6-846e-cf39c15fe053.html)

### **Buckeye Successfully Closes Open Season for Second Phase of Its Michigan/Ohio Pipeline Expansion Project in Pennsylvania October 21**

Buckeye Partners on Friday announced that one of its operating subsidiaries, Buckeye Pipe Line Co., successfully closed a binding open season on October 18 for the second phase of its Michigan/Ohio Pipeline Expansion Project. Once complete, the second phase of the project will allow Buckeye to offer expanded transportation service of refined petroleum products from origin points in Woodhaven and Detroit, Michigan; Toledo, Findlay and Lima, Ohio; and Midland, Pennsylvania to a destination point in the Altoona area in central Pennsylvania. Buckeye intends to reverse a portion of its existing Laurel pipeline to facilitate the transportation of refined petroleum products from Pittsburgh to central Pennsylvania. The company expects the project to be completed before the end of 2018.

<http://www.buckeye.com/LinkClick.aspx?fileticket=CXFhy2AAUok%3d&tabid=36>

### **PBF Reports Emissions at Its 182,200 b/d Delaware City, Delaware Refinery October 21**

PBF Energy reported a release of sulfur dioxide emissions at its Delaware City, Delaware refinery, according to a filing with the state pollution regulator. PBF said the refinery returned to normal operations following the emissions event.

Reuters, 9:24 October 21, 2016

### **Update: Monroe Extends Shutdown of FCCU at Its 185,000 b/d Trainer, Pennsylvania Refinery – Source**

Monroe Energy plans to keep the 55,000 b/d fluid catalytic cracking unit (FCCU) at its Trainer, Pennsylvania refinery shut for at least another 30 days, according to a source familiar with the plant's operations. The FCCU was unexpectedly shut on October 13, and the company advanced planned work on the unit, which was only expected to last about two weeks.

Reuters, 13:44 October 21, 2016

### **HollyFrontier Reports Emissions at Its 70,300 b/d Tulsa, Oklahoma Refinery October 18**

HollyFrontier Corporation reported excess opacity from flares 1 and 2 at the east plant of its Tulsa, Oklahoma refinery on October 18, according to a filing with the Oklahoma Department of Environmental Quality made public on Thursday.

Reuters, 15:59 October 20, 2016

### **CVR Reports Emissions Events, Malfunction at Its 70,000 b/d Wynnewood, Oklahoma Refinery October 11–16**

CVR Energy reported a malfunction and several emissions events that occurred at its Wynnewood, Oklahoma from October 11 – 16, according to a filing with the Oklahoma Department of Environmental Quality made public on Thursday. Excess hydrogen sulfide emissions were reported from the south vapor recovery flare on October 11, 15, and 16; a malfunction and excess hydrogen sulfide emissions from the north flare on October 13 – 14; and excess hydrogen sulfide emissions from the hydrocracker flare on October 15.

Reuters, 16:09 October 20, 2016

### **Valero Reports Unit Malfunction, Flaring at Its 293,000 b/d Corpus Christi, Texas Refinery October 20**

Valero Energy Corp reported flaring was required during a brief process unit malfunction in Complex 3 at the west plant of its Corpus Christi refinery, according to a filing with the Texas Commission on Environmental Quality.

Valero said the unit was quickly returned to normal operating conditions.

Reuters, 17:15 October 20, 2016

## **Martin Midstream Announces Agreement with NuStar to Sell Its 900,000 Barrel Corpus Christi Oil Storage Terminal in Texas October 20**

Martin Midstream Partners L.P. (MMLP) on Thursday announced it entered into a definitive agreement with NuStar Logistics, L.P. to sell certain of its terminalling assets located in Corpus Christi, Texas for gross consideration of \$107 million plus the reimbursement of certain capital expenditures and prepaid items. MMLP is selling its 900,000 barrel crude oil storage terminal commonly known as the Corpus Christi crude terminal, its refined product barge terminal, certain pipelines and related easements as well as dockage and trans-loading assets. The transaction is subject to customary closing conditions, including antitrust approval, and is expected to close prior to year-end 2016, MMPL said.

<http://ir.martinmidstream.com/releasedetail.cfm?ReleaseID=994713>

<http://www.reuters.com/article/us-martin-midstream-divestiture-idUSKCN12K262>

## **Shell Sells Non-Core Canadian Oil, Gas Assets October 20**

Royal Dutch Shell, through its affiliate Shell Canada Energy on Thursday announced it has agreed to sell approximately 206,000 net acres of non-core oil and gas properties in Western Canada to Tourmaline Oil Corp. The acreage includes 61,000 net acres in the Gundy area of Northeast British Columbia and 145,000 net acres in the Deep Basin area of West Central Alberta. The assets are a combination of developed and undeveloped lands, along with related infrastructure associated with producing 24,850 barrels of oil equivalent per day (boe/d) of dry gas and liquids. Subject to regulatory approvals, the transaction is expected to close in the fourth quarter of 2016.

<http://www.shell.com/media/news-and-media-releases/2016/shell-divests-non-core-shale-acreage.html>

## ***Natural Gas***

---

### **Targa Reports Inlet Line Leak at Its 150 MMcf/d Sand Hills Gas Plant in Texas October 19**

Targa reported a 12-inch inlet line from the Waddell compressor station to the Sand Hills gas plant was blocked in after it was thought to be leaking. Upon exposing the line, it was found that a 3-inch steel line beside the 12-inch line was actually leaking. Emissions were minimized by blowing down the 12-inch line to a flare rather than directly to the atmosphere and 35 MMcf of third party gas was shut out. Offloads to other Targa plants were maximized as multiple compressor stations were required to be shut down to blow down the 12-inch line.

<http://www2.tceq.texas.gov/oce/eer/index.cfm?fuseaction=main.getDetails&target=245739>

### **Update: DTE Energy Closes Purchase of Natural Gas Midstream Assets in Pennsylvania, West Virginia October 20**

DTE Energy on Thursday announced it completed the \$1.3 billion purchase of midstream natural gas assets in Pennsylvania and West Virginia. The acquired assets are in a highly productive area of the Southwest Marcellus/Utica region and have significant expansion potential, according to DTE. The completed acquisition includes 100 percent of Appalachia Gathering System (AGS) from M3 Midstream LLC; 40 percent of Stonewall Gas Gathering (SGG) from M3 Midstream LLC; and 15 percent of SGG from Vega Energy Partners.

<http://www.prnewswire.com/news-releases/dte-energy-closes-purchase-of-natural-gas-midstream-assets-300348603.html#continue-jump>

## ***Other News***

---

Nothing to report.

### **Nigeria's Trans Forcados Crude Oil Export Pipeline Shut at Least 10 More Days – Source**

Nigeria's Trans Forcados export pipeline will be down for at least 10 more days for cleaning and testing following repairs, according to a source that pumps crude from the export stream. Shell, which operates the pipeline and export terminal, declared force majeure on the Forcados crude stream earlier in February after a militant attack on the pipeline. The source said that once the pipeline restarts, it will take an additional 7 to 10 days to restore flows to full capacity.

Reuters, 7:39 October 21, 2016

### **Update: ExxonMobil Lifts Force Majeure on Nigeria's Qua Iboe Crude Oil Export Stream**

ExxonMobil lifted force majeure on Nigeria's Qua Iboe crude oil, the country's most marketable export stream, a spokesman said on Friday. Exxon declared force majeure on the Qua Iboe grade in July after discovering a leak from the pipeline that feeds its export terminal.

Reuters, 11:39 October 21, 2016

## Energy Prices

---

U.S. Oil and Gas Prices			
October 21, 2016			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	50.56	50.30	45.17
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	3.09	3.16	2.45

Source: Reuters

## Links

---

***This Week in Petroleum*** from the U.S. Energy Information Administration (EIA)

<http://www.eia.gov/oog/info/twip/twip.asp>

Updated every Wednesday.

***Weekly Petroleum Status Report*** from EIA

[http://www.eia.gov/oil\\_gas/petroleum/data\\_publications/weekly\\_petroleum\\_status\\_report/wpsr.html](http://www.eia.gov/oil_gas/petroleum/data_publications/weekly_petroleum_status_report/wpsr.html)

Updated after 10:30 AM & 1:00 PM ET every Wednesday.

***Natural Gas Weekly Update*** from EIA

<http://www.eia.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM ET every Thursday.

## ENERGY ASSURANCE DAILY

*Energy Assurance Daily* provides a summary of public information concerning current energy issues. Published Monday through Friday to inform stakeholders of developments affecting energy systems, flows, and markets, it provides highlights of energy issues rather than a comprehensive coverage. *Energy Assurance Daily* is updated online Monday through Friday after 5:00 p.m. ET. For more information, visit the Infrastructure Security and Energy Restoration (ISER) website at:

<http://www.oe.netl.doe.gov/ead.aspx>

Please direct comments and questions to: [ead@oe.netl.doe.gov](mailto:ead@oe.netl.doe.gov)